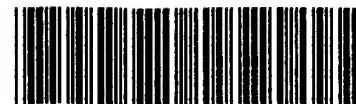# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/734,759_

Source: _____

Date Processed by STIC: _____

ENTERED

IFWO

RAW SEQUENCE LISTING   DATE: 12/03/2004
PATENT APPLICATION: US/10/734,759   TIME: 07:09:34

Input Set : **N:\Crf3\RULE60\10734759.raw.txt**
Output Set: **N:\CRF4\12032004\J734759.raw**

SEQUENCE LISTING

```
C-->  3  (1) GENERAL INFORMATION:
      4        (i) APPLICANT: Goodwin et al.
      5       (ii) TITLE OF INVENTION: Production of Functional Proteins:
      6                                Balance of Shear Stress and Gravity
      7      (iii) NUMBER OF SEQUENCES: 1
      8       (iv) CORRESPONDENCE ADDRESS:
      9            (A) ADDRESSEE: James M. Cate, NASA Johnson Space Center
     10            (B) STREET: 2101 NASA Road 1, Mail code: HA
     11            (C) CITY: Houston
     12            (D) STATE: Texas
     13            (E) COUNTRY: USA
     14            (F) ZIP: 77058-3696
     15        (v) COMPUTER READABLE FORM:
     16            (A) MEDIUM TYPE: 1.44 Mb floppy disk
     17            (B) COMPUTER: PC
     18            (C) OPERATING SYSTEM: Windows 95
     19            (D) SOFTWARE: Microsoft Word for Windows
     21       (vi) CURRENT APPLICATION DATA:
C--> 30            (A) APPLICATION NUMBER: US/10/734,759
C--> 31            (B) FILING DATE: 11-Dec-2003
     25            (C) CLASSIFICATION:
     26                            (vii)PRIOR APPLICATION DATE:
     32     (viii) ATTORNEY/AGENT INFORMATION:
     33            (A) NAME: James M. Cate
     34            (B) REGISTRATION NUMBER: 25,181
     35            (C) REFERENCE/DOCKET NUMBER: MSC-22859-1
     36       (ix) TELECOMMUNICATION INFORMATION:
     37            (A) TELEPHONE: (281)483-1001
     38            (B) TELEFAX: (281)244-8452
     40  (2) INFORMATION FOR SEQ ID NO: 1
     41        (i) SEQUENCE CHARACTERISTICS:
     42            (A) LENGTH: 22 bp
     43            (B) TYPE: nucleic acid
     44            (C) STRANDEDNESS: single-stranded
     45            (D) TOPOLOGY: linear
W--> 46       (ii) MOLECULE TYPE:
     47            (A) DESCRIPTION: cDNA to mRNA
     48      (iii) HYPOTHETICAL: no
C--> 49       (iv) ANTI-SENSE: yes
W--> 50        (v) FRAGMENT TYPE:
     51       (vi) ORIGINAL SOURCE:
     52      (vii) IMMEDIATE SOURCE:
```

RAW SEQUENCE LISTING   DATE: 12/03/2004
PATENT APPLICATION: **US/10/734,759**   TIME: 07:09:34

Input Set : **N:\Crf3\RULE60\10734759.raw.txt**
Output Set: **N:\CRF4\12032004\J734759.raw**

```
  53    (viii) POSITION IN GENOME:
  54      (ix) FEATURE:
  55       (x) PUBLICATION INFORMATION:
C--> 56      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
  57 CTGAGACCGA TATCGGTCTC AG    22
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/03/2004
PATENT APPLICATION: **US/10/734,759**   TIME: 07:09:35

Input Set : **N:\Crf3\RULE60\10734759.raw.txt**
Output Set: **N:\CRF4\12032004\J734759.raw**

<u>**Invalid Line Length:**</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 57,58,59,60,61

VERIFICATION SUMMARY   DATE: 12/03/2004
PATENT APPLICATION: **US/10/734,759**   TIME: 07:09:35

Input Set : **N:\Crf3\RULE60\10734759.raw.txt**
Output Set: **N:\CRF4\12032004\J734759.raw**

```
L:3  M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:23 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:24 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vi)
L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vi)
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:49 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:55 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1
L:56 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:56 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1
L:46 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:50 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=1
```